# AVATION

The Oldest American Aeronautical Magazine

MAY 23, 1927

Issued Weekly

PRICE 15 CENTS



VOLUME XXII

### SPECIAL FEATURES

NUMBER 21

NIGHT FLYING EQUIPMENT FOR THE AIRDROME SOME TECHNICAL ASPECTS OF THE AIRCRAFT DISPLAY CALIFORNIA STATE AERONAUTICAL CONFERENCE

AVIATION PUBLISHING CORP,
HIGHLAND, N. Y.
250 W. 57TH ST. NEW YORK
Entered as Second-Class Matrice, Nov. 22, 1900, at the First Office, at Highland, N. Y.



### Aleiendo

On April 14, 1927, Laver, G. R.

# Speed

### 100 Kilometers On April 23, 1922 Taxe S W. Collegey, USN with the same

arroard a closed course Speed son Kilemeters

# On April 10, 1927 Lines, I. T.

Barner, U.S.N. under the same

Three New World's Records

for the "WASP" This standard Veneta Socilars with a standard "Wase" France holds the second dutrection of having established world's records for both altitude and seeed. Pareicularly remarkable is the fact that Laur Callaway's over its meet was more than fee rules per hour greater around a closed course than the wirrang time in the two-place observation head plane race at the National Air Races in Philadelphia her year

This remarkable performance is the natural result of superior plane and morne design, and shifful pileting. Again the Navy gives substantial proof that its fixing officers and ser-

### PRATT & WHITNEY AIRCRAFT CO. MARTEONO COMMECTICUE

LANDING FACILITIES MUNICIPAL THUR AND CONNECTICUT BUYER

ON AIRWAYS MAPS

# The Keynotes Tomorrow's Plane

considerations, two points must dominate the flying fleets of the future. The first is safety in flight: the second, enduring debendahility of materials. The flying life of planes must be radical' increased to reduce operating cost per mile flown. The safety factor must be raised in order to bring about maximum public confidence in and employment of freight and passenger carriers In the shops, laboratories and

TANDING out above all other

draughting rooms of the Glenn L. Martin Company has been detailed research and development program ever attempted in aeronauties since the dream of air-travel first took shape in

Builders of Spality Aircraft since 2909





### THE NEW CURTISS "FALCON"

A recent contract awarded by the Covernment will make available, this year, a quantity of Curtiss "Falcons" equipped with the Liberty meter, for use by the National Guard

The "Falcon" has the highest performance of any two-seater rulitary airplane in service today. Having thoroughly established its superiority by service tests extending over the past two years, it is now being purchased in large quantities as the standard service observation and attack plane of the Air Corps.

The equipment of the National Guard with the "Falcon" is in accordance with the far-sighted policy of the government in providese all branches of the service with the most modern of aucraft material.

THE CURTISS AEROPLANE CARDEN CITY, N. Y.



MOTOR COMPANY INC.



mands airplane tires to be fleet and nimble, to min easily and swiftly as the ship hurries into flight.

And then, the journey over, these same tires must bear speeding weight and human life to safety as the plane strikes ground again. Thus, in every flight Goodway Airplane Tires reveal their agility and their strength. These tires asthey are perfectly balanced and hold their proper pressures. They withstand the punishment of fast or awkward landing because they are built of finest materials by men who know how important tires are

to safety. Goodyear Airplane Tires are offored by an organization that wants makes everything in rubber for the airplane.

THE GOODYEAR TIRE & RUBBER COMPANY, INC., AKRON, ONIO







Do You Visit

# Germany

this Summer ? Save time

See more Travel with ease and comfort by using Luft Hansa air lines

# Deutsche Luft Hansa A.G.

Berlin W 8 Mauerstr 61-65

Fernsprecher, Zentrum 5800 Telegram Adresse Lufthansa, Berlin



### The Consolidated Courier! SPECIAL convertible type, using the Wright Whirlwood engue, designed to provide the following complete deal con-

ability to get m and not of small fields), purpose countries both fixed and female, observation remises such cade. These conditions may be had either as a lendplace or as a single floor respine. Contacts are very range, and conductable, with a The CONSOLIDATED COURIER is a prosen developed section. But fur, very surveyly and it embales the same fractions which have marked as professions, the CONSOLEDATED TRUSTY and CONSOLEDATED HENCE to boild ruch an unprocedured record for safety and doubleby in first streets by the Army Air Corps and the Navel Air Servers in trusting operations. CONSOLIDATED TRUSTY, HUSSLY and COURIER may be made and



The Consolidated Husky

CONSOLIDATED AIRCRAFT CORPORATION BUFFALO, NEW YORK

May 13 3923

# The Publishers of AVIATION announce the

# American Aircraft Directory

A COMPLETE REFERENCE GUIDE

AERONAUTICAL INDUSTRY OF THE UNITED STATES.

Acre Companying

CENTER DESCRIPTION Note more than 1000 wilete. 500 should Assent: Accessory and Ports Communics are listed, with officers.

SALES AND PURCHASING DEPARTMENTS, AEBO ORGANI-Accords Officials PATIONS CHAMBERS OF COMMERCE, MUNICIPAL AVIA. THON COMMITTEES, STATE AND NATIONAL LEGISLATORS. OPERATING COMPANIES AND AIRCRAFT PILOTS.

> To exact disconnectment tracers very consex of the DIRECTORY sold out. Cloth Bound \$500. Paper Round \$100.

Bales and Reprint and THE ADVECTORS DAVIS CARRY THE SALES MUSICIPE OF THE TRADUC ATROPART PARTS AND MAYORIAL

> TE VOUR COMPANY HAS NOT YET RESERVED ADVERTISING SPACE, DO SO NOW IF YOU WHILE TO BE REPRESENTED. YOU WILL RECRET THE OMISSION OF TOER ADVERTISE. MENT FROM THE DIRECTORY.

AVIATION PUBLISHING CORP.

250 WEST STEEL STREET, NEW YORK CITY



WACO TEN

There's unlimited performance behind the beauty of the If ever an aurolane had what the resient day commercial and individual numer greater extent than the mexicus Model Nine. Designed to perform safely with a power mase of from 90 to 250 hournewer. Giving any range of speed desired.

> Have one of our representatives take you for a ruleperformance everybody is talking about

A letter or wire today will bring complete information price and name of our searcal WACO Representative.



The ADVANCE AIRCRAFT CO.

mond by 18 miles per

# A Third WORLD'S RECORD

made by

# The VOUGHT "CORSAIR"



year 1880 nounds Cum Course at Harrence in the same standard

speed record for Susplanes carrying Can. R. Henderson, U.S.N., on 500 (Kilograms (1102 rounds) dead. April 16th, made a new World's Altitude Record for Samlanes, and in The new record made was 136,023 which Licut S. W. Callavay, U.S.N.,

miles per hour over the sen lap en- on April 23rd, made a new Speed narular course, exceeding the former. Beyond for 100 Kilometers

The Stock Aireless which is britains World's Records head to Asseries CHANCE VOUGHT CORPORATION





AVIATION PUBLISHED CORP. Carrier D. Garnery Cebb Aldrew-Assesses Publication Office:--HIDBHLAND, N. Y.

W. L. LePoix, Ster. VALUE OF THE MAY 22 1027 With the Editor

# Index to Contents

WERE AWRESTED AND DEEMS On the Atlanta Fifth Presentation

Marchanta Association Honora Pon-American California Holds Second State Acrossorical Conference 1000 Harris Harabas Addresses Astronomical Con-

PEATURES AND DEPARTMENTS

Sir Mail Contract Population Some Technical Americ of the Director

marriale 1991 for America Publishing Corp.

not to been surrouless of recognitible for the mad arrayon Could States. The propert Calwhen Harris Hambus, neces-

> pens, addressed the meeting on n certain to place a different

turn of Mr. Hambar's com-

May 11 1011





The Oldest American Aeronautical Magazine

When Festors Influence Aircraft Design

CICILD DART for years have shown a trend in the prowhich clastrates to a result interesting mayout the effect

a consecutal racine are found with a very difficult

D Most Be Conspered

From the represence vigorouslate of sixth and military

market complete of confedences. Page the officer In the order of difficulty of their saludou, there are found and actually experimented upon and ultimately a cathefacture application will be tracked. The most

of the landing and control problems. The question of it is doubtful whether the optioner human below will haffer all the scores. Here perhaps lies the weer must

Mail Content Proments By P. O. Dent FFMF Advantage and control of advantage and the state of the state of

Lets recording the content on mod recording to the

II Proposity, Pa. via Waldragher D. C. in

2) Now York, F. T., do Philiphophia Jr., Work, Bally, D. C., Mingmand, Va., and Street,

May 11, 1917

### Air Mail Contract Payments Statement To April 15, 1927, of All Air

### Night Flying Equipment for the Airdrome-Part L An Authoritative Discussion of the Present

Stotus in Development of Airport Lighting. T Sh. All acknowledged that that the masses at commercial infracted the deprine, a palet at 10 order and 5000 fb, elevation

Receiving Reason. At mold the majority of lead

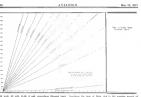


No month pages and the

Mail Planes for Forest Patrol

Williams to Compete in Schneider Race Lott Alfred J. Williams, Jr. will sensors as the

Day 1-14 or combine presidence branch



Suppliery Lights. Unco expression to sintense et.





Fig. 4.- Europe Southern

The alighe should





May 22 3000

Obstock Lights. Once the boundaries of no restraint are rated the root of agreement are

study and the beautiers have been could the best expressed.

Aprile Reflectors. The control surveys of-Heaver Fleadights, 21 in describe to



PORTRIBLET IN COMMON PROPERTY IN

treases Coupear, and "Der" Robatic atter of the Weight Accountied Corporation

The Falker Marston for Particular Theorem and Particular Theorem and

Make and the dark of the first of the first



presided with approach to the face and kep. The rose of particulty, which is control by a sight separate under a control by a sight separate under a control separate control of the service as a finite control of the service as a finite control of the service as a finite control of the service and in the service and the service and the new set of the service distinct the service and the service distinct to the service distinct to the service distinct the service distinct to the service distinct the s

resided we prefer for our in that have, so exceeding the prefer for our in that have, so exceeding the radio registers; for not in that have been applied another, however, or seeling rudges of at least of that it, will have a needing rudges of at least the spatial or dryses, and, energy-row originates he took with a simpler radius on the notice. The large of the prefer has the simpler radius on the notice. The large of the prefer of

The Pean Very

Gay Califord. An Other hospital analysis of the langitude lists of langitude lists

being allow his fewere one he recognish bedwards which have been a quantized, their Line, Cyption Lindblighe, abhatist for quantized, their Line, Cyption Lindblighe, abhatist for the control of the con

the pinn, a seried Jayan M.I. comprises the risk substituted potential from the sight windows of another desirable potential to the sight with position of administration of the sight potential and a formation of the formation of the sight potential as a few potential and the sight potential an



Cont. Charles A. Santhersky Press recorders for the Arbany strange. The angles in a Window Wilcowied.

ATTATION A Piener swed and dolls mater will be meanted on the

Trans-Atlanto flight is \$150 to. The cognit lores-power is narrowally estimated to he \$20 to \$20 kg, at \$500 c.m.m.

In 1965, a few handred American were next to Cornells

draft of the A S P A, and Lord Col. Horold E Bortner

toropies of the Second Agrees Commission. Edward &

ter wer placed in charge of fights and a qualified palet was

of others of St Logic, Ma. and that to wikeupt in being The Bellever Managhree

a many of the last window. Below the instrument board to a many of pattern and name follows valve-codes. A knowl fire estinguates is mounted in a bracket at the lower right sale.

OH Co of Collineau and the sligueest had not yet remed at the tens of the verling. Makinal "B" a product of the Various Dil Demann, will be used for Internation had the t. Laure to Garden City.
The place has a year of \$6.00 and gray of \$50 an fit.

Plans occurring this machine are of about the same states had sharps of the Fekber installation, and she was built to marrier 2 min b. This primate also takes late record interMay 22, 1927



### Some Technical Aspects of the Display Fine Points of Equipment Exhibited At Aircraft Display Show Advances Made in Detail Design

TOR A MACHESE of popular price, the West Ten showed not more safe such differential notion, the cloveler and the complements good instruct. Well introducted and stability controls, both size of the real and larger the fading no sporocek's difference in the results.

The only apparent ornices of this device is that it is affected by allifacte, as a matter of fact, the six resource

at 28,000 ft. in lette more than half that of our lated for a Other West feetures see the very acceptals found aftern

experience. Corrections may be applied for additional ending or nonzencorus, the devise will elevary suffice for nonzencorus, the devise will elevary suffice for it the sidning views of the place in appreciated, the sufficient process of the sufficient power and the sufficient power of the sufficient power and adjust supportions in sunch young place. I Johnson sidness also is sub-lossed with the Johnson sidness also is sub-lossed with Johnson sidness and young place. I Johnson sidness also support that the time last on surfer discuss for placego that of the time last gas estimation. On the presence of surgic and process gas experience of the support that of the time last gas experience.

net glient (injections on mode) away gentle.

It is surject speak, margines in suggression that of operations the surject speak green in the surject speak green gree

stells in Operational and consensual amplicates expression at Models Field Juris Asimo Bet a pine brid with Steller elected to the extrang amountable brid with Steller elected to the extrang amountable to those or the stellar property handle. As state view, and the present, when the total in during, a near state, Model to the small airplants mistly the cesuition. Most of the small airplants mistly the ceter may be a state of the consultation for the certain A feature, advantages of which accret the even significant set in each joint of the Consultation Conference the maximum properties of which accrets the even designs many views ago with interest. Located is the discontinuous control of the conference designs many views ago with interest. Located is the basis of a post of the conference of the conference to accommodate the conference of the second of post of the conference of the second conference to second confe depends the and his had as required nor the type, the splines of the regular shall emblang directly with those cut as the projector surel.

Adjustable Patch Propellers
Branched Bord propellers have some admissibility

Adjustable Data Properlies:

Adjustable Data

cont to the first that the designs dealers are knownly difficult age Illuvious Yau type alreacied argines have been developed ; in successfully said it is fait by many that the type may finally red supported by wait or fait by many that the type may finally its irray significant also to sets that more than 550 by less already been detained from a mogic probably severed, maying the extended probable. Thus in real distingue to its 500 minutes of severe and their minutes.

Ball Bearings

The use of ball hearings in therest organic species to

on the increase. In the part, hall hearings were heavier th

specially belief becomes for a gress hind, hat at this ta

the manusch perfection in the memberter of hall bevie



The serv Bods &c. Bods (MDA brief

in part. The deep proves types at hiercraps, some, it is were them one the wood of falls allements at the Die source great model, as that has a source great model, as that has a set of the so-colletion of the source of the source of the so-colletion of the source of the source of the source and the source of the source

the program between miles to the control of the control of the very open called to the very open called the very open called the cal

are will assist assume the furthern or correction of control of the state of the st

so is a large of control and on other facilities of the stables and the stable an



AF THE AIRCRAFT COPPLAY. In the foresteast, a secure of the Coulon booth obtaining the Air Cope Curters Heets (Cortees Don),



A sole view of the sone Probi agreemages Air Selan (Witchelmind anguse)

### Aircraft Engine Manufacturers

Custing Assemblence and Motor Co. Inc. Reference has already here made to the subdit of the

Detroit Airgroft Engine Corp.



The Arrian (Strike by) providenced by the

eas, for, in the absence of a createshall-q characteratic of

Packard Motor Cer Company.

At the Average Display the Pechani Campany exhibited

Prott & Whitney Aircroft Company. engine field should be a mighed spooses. The Wasp engine a alfo has winness builded and all and and an and an and and

Equipment Manufacturers Airskips, Inc. Acres Wice Company

erange, ris ) was also shown. The sensed has a most un-Agen Supply Manufacturing Company

Avertage outs on tober and a loose man shaware the made



B. B. T. Corporation of America

glate, Fe in strand of the E. II. T Corporation of Auston theory one, 50 fears large portiols incolong in the strange one, 50 fears large portiols incolong in the fear the colonial colonial of illuminaies large late are and the offers a li 4 rs. inconsisnation. One of these inclining fined lights was almost One of these inclining fined lights was alward. One of these inclining all the colonial colors in it is the agent dryen disconsistance. The unit of it is the agent dryen disconsistance. The unit of inclining all the colors are also also also also also related to the purpose of previously a device where the color of the colors is a superior of the colors in a private taking accords the field. The clusters is eq.



Li Cordi H. P. Mah Chaus Heyd Av Stafes, Amount present passes on Judge Section.

when' spend variab. As matri leng Rephrey sight each organia a part of their fingley. G. Corporation h City

o lord City

a case, showing to notion and otherway, a large collection
sparse plage from all contrition of the World, and variotic
fertals and purise used as the meanfacture of the B. O.
ogg. represented the sungency's continuation to the Disorder from entirely plag, used as Peak 6 Windowy, Winglet.

the standard metric thread, or half the plop to very mach reliated in sine the seductry spack play.

is industry speck play, desbort E. Budden Corporation (Most), for Washall dies such which affect the sir type propiler mosts, of diese for operation of diethic preservor, people after anti-busine service to the badden global problem of the most people of the six of the badden people of the six of the six of the six of the most people of the six of the six of the six of most people of the six of the six of the six of the most people of the six of the six of the six of the six of the most people of the six of the six of the six of the six of the most people of the six of the si

in more triing a quantity

Detoris Ale Appliance Company
Detoris, Alea Appliance Company
Detoris, Male
The Hayword help species supplied solder, and states
The Hayword help species supplied and the plantman, mendermed by the morphis, lighter with the plantman of the species of the sp



NT AVICTION



Eclipse Machine Compeny

angua stariers and six veltage regulated strewall great This company makes a hand more and a hand and section type of states, then new module hunge delive the flow. The suspice hand starier and hand said type, mountheaters in the yard, now still being masers part of the adultion. The new module are you man, one for engine up to 1800 on its, and the youngs, one for engine up to 1800 on its, and the

The abovers overly many taxony. The probability of the Philadelphia, Pla.

The person of the Dupley subcreed the versus arryless between suscellational by this concess, editorias of photographs of sixphien in which the need. Joses of the heldselse were set upon to there are not to the person of the heldselse were set upon to there are not to the needs of the book, the sciual latt

by Commander Byod in his shows.

General Afective Geoverny, Schwarzidd, X. T.;
Issue of the heaper, the Geomal Electric Company or Helder's 21 in seemidenest electric meter dismon revolving learners and a Nother's law, a spilleder geololes press paid learners and a Nother law, a spilleder geololes press paid and an English in widelight designs feature types of wristion field homelay light. In adultum to the Sought postures of the Alectric Helder network, underlay for new toll and address of

The B. F. Geodrich Rubber Company. Mines, Olas, The mass of the company has long been amounted with twistley spanning mass to what robber is duty pat. With the widely spanning mass to what robber is duty pat. With the company of th

hard such as a bool subhermed that is. The limit two types are now in production and are being used for miscellarance parpoint in terrail management.

Hayan Wheel Company
Jethon, Shel.

The company recently task over the Soil Wheel Works,

the company recently task over the Soil Wheel Works.

This issuigary mently took over the Stoil Wheel Works, which had been making simplesse wheels time 1900s. Entered simpless wheels were shown, both with and without know draws.

Header Assessmentes Bus Company, Inc.

Heoley Accessories But Company, Inc. Nepport, N. J.
Demonstrations of one of the invetor stactors, evening for speciator by Innt., and applied to a Parkers I.-J. 2000 on port, associated this company's contribution to the Enginy

as a march developer by the victors.

Irolog Air Chute Co.

Diplot, R. T.

The artidate at this stend were veryed with sensit interest.





stendard equipment for the Army, Navy, Marius Gorpa and hig and a Air Mad Berrore. The artisfes colabried included several of salared to the Brone completion of the cost tree.



Johnson Airplane and Supply Company Depter, Ohn.

The wife field of surdana rarie wasafadrense, which this

reserved for the mobile. Stoney the treas of now the wast indeed done were far now by books for Department and indeed done were far now by books for Department of Common reports in negles and atyphen speakless and Free Beptier Company. This weakless is speakly used for frige field two. 21 records and sman a haghant hada been the same of the second state of the second state to a take is a well, approximately and the reserved of the type of frieth field words. Another tomand has was as adjustable with a second by hand. It would be a supposed to the second state of the second state of the second of the field state of the second state of the second of the second state of the second state of the second of the second state of the second state of the second of the second state of the second state of the second of the second state of the second state of the second of the second state of the second sta

merchanic val. 6. House, This observation of their Williams and Willia

by and majoritude for word of community what is nonconsistent in agreement of interiors and individes New Toriocional Control of the Control of the Control of the Control interiors and the Control of the Control of the Control interiors and the Control of the New York to Revents with a beary said of product and a New York to Revents with a beary said of product and as the Control of the Lond, Flora C. Without and Major Robota A. Begue

with which me games were powered and when were supersy to the Allams Requirement (by an illustrate Departs III and by the Allams Requirement (b) and there Departs III are supersy way they justified our holden and we need set her had a more madels plant. I have a press before and that a more madels plant. I have a large regard below and the taxon of each stand of the contracting and a summer a

### Some Technical Aspects of the Display (Cinstined from page 3077) served as the prelimency tests assess considerable that of

Another animate resists we the first Andrews throughout a large street from two proofs and analysis state. The raw from two proofs and analysis state and the raw from two proofs and analysis and a first from the raw from the r

Eastle starters are today will in me, specially by Openmen planes, and the new can cathibled by Assumation, in of much some compact design than the previous type. These quality fundation to some outset the design of ne



# California Holds Second State Aeronautical Conference Many Air Transport Officials Gather to Discuss Business of Aciation By O. R. LANE.

\*\*\*DENISSES\*\* With the them of coldinaries must not be part in the coldinaries of the col

Declares stopic and the following an automatic and the control of the control of

May 23, 1927 wouldn't of that concern and served of its offends to the states fallow of engagement sension and the months

### Harris Hanshue Addresses Aeronautical Conference President of Western Air Extress Sets Un New

Air Med to Backbone

press to the confusion of man, though in the shorner of a mail contrast severes to cofficient rotoms may be stack to Mr Hambur accorded that the clerif dangers facing ani-

he aftered with development of more efficient comproved either in aircraft or its power plant, "It would be obviously foelish Second Experience Landson about. Mr. Hemban stall: "The host telepools of

"Offer things being equal," he asserted, "you sirelene available of 50 current creater most than another will do the

in any paridan scheduled succession. These formation man

metalativ of model. "We sense, of course, sensed to excite bindered nearlingly every industry at its inception. There

Contractors to the U. S. Arrey and Navy.

The educations at a particular tend uncarbeterer

Right virences - bette very peopler views on services in married and those fights in marketing was be postlated to

of the related kep there would be great applicate and there. Then't all the Para or their ages stone and an ex-



debution date being been advanced to conside with the

Lighten of the field cread a great deal of continuous

### Suckeys Weskinsten

If severe doubts that Stockers has become atroughed,

Morer Fundez has been advenced to the place of Con-Bok Johnson of Muscola, Mont. and Penn Stale of Planes. M. Willis, www.r of fitche's place, carry with hose an

passenger, Nach S. Womer and Easter went to Policers, West-San Francisco Dedicates New Airport

# AC Spark Plugs in Plane which established new world's continuous flight record



AC Spark Plug Company, FLINT, Michigan Makes of AC Special Edge - AC Specialization - AC Ac-

**OUALITY** 

is the first demand in choosing material for aircraft\_

OPPLANT SALLES LOSS WALL IN about the adventors of smaller Dortsmoh.Tex is a grade A. mercer-

irrel cutton, full count fabric, 36 in-

TAIL SURFACES FUSELAGE COVERINGS seriest aroung ond weaking. It is not

a processed faker, although at ran be pinks, (scallage) - in any one reprined are

Write for samples and quotations

W. HARRIS THURSTON THURSTON CETTING CORPORATION NEW YORK CITY



### Rockford, III.

Built Like a Gun -



# FAIRCHILD AERIAL CAMERA

T'AIRCHILD Assial Cameras are the finest Parittery mapping machines made. 115 contampling exposures may be "shell" at a single leading, covering an area of 180 egaste refee. Larger torritories, when more magazines are carried. The rubber-mounted simbal frame absorbs engine vibration and keeps the camera in true vertical, regerdless of the engle and drift of the plane.

Essential date, including time and number of exposure, level and altitude of plane serial number of camera and military records

are percentably abstractabled uses every Fairchild Acrial Cameras have proven their mettle in martial and commercial abotescenby. Welts for interesting information

E. S. ASMY AIR CORPS E. S. NAVT AIR CORPS DEPT. OF NAVE, BEFFINE OF CANADA THE BRADILLAN NAVY DESCRIPTION NAVY

FAIRCHILD AERIAL CAMERA CORP. 270 West 35 Street New York

and beyond tering Backford take its place on the sirvey

San Diago, Cal. The project has been backed by the Room Alexant Con-

pary, and has recorded great superior through their effects Off to tell Tarbetton, Marray and German in an Eaglerank rains presented true Ecough Oldeboura. Montant of the Hell Attempt Commany. Woman Long Front Dam of the Bridgeton Already Carmany,

PER Climit Chromour laft for Carray had marketed with

took drivery on his new confidention wing you to be new Jakes Airport, Teacure, N. D.

The next arrests weeks have been very bury ones around on copers. The Sense Bron. brought their Carnels and on the place being recovered throughout by Lerry Herris and the pince being renovered torongwore by being section one,

Nov Wells and R. Stunner, of Laupten, entered ever to reserving for a few works, Mr. Shrauer carchand the Catook from the Leach Free, and with Larry Harris as soled with their new Englarech, and preceded to descentage the special for Territor of the parts, with the pain of passing a major agency in Territor. Buth Alon and Mill Leach took around

Circle has made one over-country non, while have builde-

retries a number of passengers, among whom was Mrs.

A lower season is expected around our Agracut, and several or the toys will probably role before the foremer is over. We are leading for Pearly Private from Leaden, N. D. with a new Hawdoor on those on the straint it can go worman a ten Englerook with its ground and marking paint, Olyde Loe, con-We went every fourist alreless to make our alress whenover firing year our city. It is a splendid field to lead in to madder how much main. It has lots of room and the wel-

### UNITED STATES AIR FORCES

Air Corps Manneyers at Kelly Field

The electrical partial planes which provided an April 15, at The eighbous pursual planes which armind on April 11, at East: Field the the memorytes, April 11-21, remarkated the 1,000 wil, port of the true through fing and storm shoul of otherine. The phrase of Kelly Firth here flows on aggre-gate Grissnes of 599,000 ms, and it is estimated that they will have flows freehold as he the time that notion is The great multilastice was correct foreign about on other Major Jalia H. Berneddy community the Gassell Histories Are Cores Piece for the participation of the Arr Cores

Are Corps. Prece per the participation of one Arr corps call for the services of thirty pursuit planes, breaty ettack and twelve Array or transports. In addition, there will be Air Corns Officers Commanded for Recorns

Limits Bods H. Yorken and Ergens E. Bullet, Ast Corpo. beavery in extensive trains shading while wheter an The raddest involving Lieut. Trokle porcessed while he was surpliess. When over the ridy of Sovensticki, Ohio, a conover the place and through the codeple over Liveteness Tookly The officer strict afterwark that he had sales thection of the fire by rubbing his player along the hander

M McDwarel and Googee W Guidage, and Mr Gurahi

the houle when at a distance of about 500 ft. behind the

In the case of Lieutewat States, the incident comment

HONESTLY Now-



WITHOUT KINDING each other - have seen ever talked to anyone who has flown an EAGLEROCK-who wasn't a BOOSTER 2 I. A. McIntaney, Sales Menuter

ALEXANDER EAGLEROCK

CERTIFIED CASH - \$2475 - DENVER

or year he reschased on Time Prevent Plan SE DEALERS W. Er. a S. Eco.-descript Englands Sales Co., 100 W. 15th St., 

More and more

the year cockput and the fact. The beavy suspect about the Corridges that the plane was seriously domined, he makes for of it was in any way possible. After further testing the contact to force the clean

May 23, 1927

May 23, 1927

Acres Air Orders

Chaose YOUR airelane

shrewd buyers of

aircraft are com-

ing to depend on

casefully Choses Travel Air you wen't so wrong! TRAVEL AIR MEG. CO. INC.

WICHITA KANSAS

DEDDV. AHSTEN DOPES Clear

PERRY, AUSTEN CLEAR ACETATE DOPE The Best Firebh | Undercode-Our Clear Assists

Perry-Austra Mfg. Co., States Island, N. Y. NORTHWEST; PILOTS ATTENTION Nation let a Model 10 Wese will satafy you after yes an 2 demonstrated, order now for early thintry. We have FOR SALF. One Model 9 Ware, already hept in hanger, OX5 mater und about 100 hours. plane and my weeks proc \$1800.00

New Volum. First Class Condition. First \$500.00 Harris Rankin Flying Service Box 4268 Portland, Oregon

C From justice with dotier he has broaded for assessment of the course to day to be been really and process for fight.

Langley Continues Cooks

Assume court has been made that the recent andded on the experimental arrests recover "Langley," in which the the experimental approach received "Language" in which the first of the receiver of this would decime the worst know and Airship Breeks from Meerings

The TIDS, 202, the Communical Invest tree of two gole at Fart Leavenworth, Kno., May 9, and collapsed 300 ft. away, after the rip-need had been pulled. No was man The sirving seried at Fact Leavesworth on Mar 7. B. formula in the six measurers these. It had ready the two to Fort Skil, but was mable to land become of high wads and

Services Unite on Marking Air Obstructions Sen Level, Harbert Verson, Variette, Ale Corpo Res. Innered white in friend in the Build State is the size Buffalo, Won, do netwo date, Scifforder Public manufactor for

weekplite from the aut. The nothed fallowed will be to worldby from the not The restled intowns was as us Studios and lights. These will be hit from wound to consider Ending red lights. These will be his from master, to country. Additional fined and bolds will be used so under toward, con-Civil surveys are defined as lines three miles wide between surveys. Preparations water then holder many str., within toned. At intervals of net over 500 ft, transmission lines tonged. At intervals of met over 500 ft, transmission lines will be marked by day with electronic come or casely suc-The Committee which subscitted the recommon before for ned Livet Donald O. Daho, Army Air Curse.

First Lieux Cherrose A. Frank, Inf., detailed to Air Corpo. Air Corps Prins. Phy. Reb., Brooks Frield. PRIVATE OPERATORS made the dacourse that simbons environmed to most the exacting requirements of the POST OFFICE

DEPT, were more economical to learn up and operate than many so called, "Commercial

Considering that the initial cost was no higher, it was well worth their time irrestigation the RYAN AIRLINES - SAN DIEGO.

speciarity of RYAN M.I. DOPE THE MOST ECONOMICAL SCHEME YET PRODUCED.

TITANINE Inc. UNION, UNION COUNTY, N. J. Airelance Motors Supplies Figure Bests Now the R.P. Physics print \$100 per QCCA \$100 or New

PLOTO J LOCAN AMPLANE CO

Son Land. Widder Eryckson, Air Curps Res., Omake, Nah., to active duty, Soldreign Field, president to vanders states Han Lorest Physics W. McGoskan, Air Cares, Fort Son. See Lord, Incres W. Mollocker, Air Corps, Port Stone Houston, transferred to Genet Act, Corps, Fort Warfield 1001.
Forst Lieut. John Stry Funnelow, Acr Corns Ben. Machine. status Scot. 19.

Paul Louis Mark II. Redman, Air Corca, in addition to First Lord man in mreman, Air Corps, in memories to stired officers.
Cont. 10vol. H. Edwards, Air Corps. Westerscher, to Sec. Laux. William M. Owner, pr., Air Hopes, Park Store Honolos, transferred to Firld Art, Fort Malloton, Tex. Sec. Lord. Ford J. Laury, Air Chaps Benl/Laysony, Ltd.

Sec. Lines Bulget Leonard Schoonlin. Alr Come Res. Cons. House C. Denrice, Art Cores, Mildred Publ. to Sun Over Boards Wilson, Arr Carpo, Washinston, to Sur Francisco, subsey on transport Amy 19 for Philippen The accurating hy First Limb Lattic Philip Assail) Am Curus, of her remerining as no officer in the Arrest assessed.



956 W 57TH ST.

coch week. Yearly schoolption sates: United States \$4; Casada \$5; Ferrigo \$6. AVIATION

NEW YORK CITY

You deleased \$2000 Chess Works Day Yamalor Company, Land

Marine Arm Co.
Stat Violate Wave Ealer Co.
Stat to Fr.
Stat See Lo.
A.
Wegit Astronomical Corp.

SHIDMENT PRODUCTION

Contractors to U.S. Arms and News

VAN SCHAACK BROS. CHEMICAL WORKS

TYL RECOVER AND

different at the heider most to the show were the second and found a law filters were old notehous the definered comme and the sin-

seconds. With the boy, he made a calculation of

and found that this did not recent a decrease bassed to expectes should do body. 160---

for case came to wall the standard money second

a register and he assessed. If it had not been

array inputest story much how have muldired

continuous as to the necessity of such structure

"According to the assumption on health brakes could be built serom the Minnaious souwhere. Not roughl barbars or room he assessed not could the most facilities to common a court childred he the priestion of submide he made

syncloble where great rivers had to be caseed."

When discourages obstacles are not in the

call the above strey. The fact that the ablest

become that made he removed was establed in the case, that he proposed les case by personal

observator, and that the older methods of torsell

ALL/DEG ATPLACE CO Vision Piping (indirection). Parcel rise (ECC Science and based his a work, Modern places and the Commission and again places at anythering prior for the party party party and the party party and place the party and the party and party SATUATO LOGICARY CONTRACT MAD COME AND

MAJOR PROPERTY CONTRACTOR OF PROPERTY "ELSTER ADDROCK CONFORMATION"

Takengh Fring Internation—on new moders, sind constructed phone. Fring International Property of the Principle of the Control and C

MCCENTALY
SILES ATENNAVE MISSION, OF AVIATION
Missions disclarate to the Espansh Lawre to
first production case the total expected for only.
The Mission disclaration of the second control of the color
Ty on Majorathy is want after and preferences
whenever, Let us their controls—With or was

Crimination de Arteriol Science, Edition de Arteriol Sindiano, Color Monday, Color Mindiano, Color Marie de Arteriol de Arteri realities X. Scottanties - Print Emphated 6 seems COMPLETE PLYING COURSE, IS MOURS, 5240

CORPLAIN FAITHGO CORPUS, IN MEDICAL reason, and Studies as Englance Adoption with individual instruments, to change, exist any time and story as into an year time, and any second and the property of the Not property and Studies and the Army and Armitis and the Army and Armitis in the property of the Notice and the Army and Armitis in the second operation have Complete String Invariant and grants server. Large sales Sales

CHICAGO AERONAUTICAL SERVICE RESIDENCE ASSCRAFT CORPORATE

he here there from the board of the heat to reason which

MENDODAL PLYING PIELD. ATTROCTOR AND TO THE REAL PROPERTY OF THE PARTY OF THE PA

BOULDS AN HEAVILEY ALEPTABLE CO. Complete Spring in Sections by home or by almost generate product, compared to account scholars, com. New Style and Alex Section Lansaugue with take the information proc. For depend, respected on acts flight Witte but for adoptions of proc. For depend, respected on acts flight Witte but for adoptions MASSIFELE, SCHOOLSES

the Cherry, permanent empeyment award you meaner \$100, and 15 hear manus \$200.

HALFORD Complete the Schripper Rightsa Cu, Inc. East spointed reconversal delt is do neithe wate. St bree nervice will high firsts perhasent and and by H. A. T. sail into Change to Smith. A little of reader of abdustic adopted for crediting all reasonable mass. We have creament by joint to add to the contract of the contract of the contract of the addition of the contract of the contract of the contract of the addition of the contract of the contract of the contract of the addition of the contract of the contract of the contract of the addition of the contract of the contract of the contract of the contract of the addition of the contract of the contract of the contract of the addition of the contract of the

SEATS ASSPLANC COMPANY, has

COTTACTORY ARCHART (O. 186). For Engine and Company of the Company

McMULLEN AVIATION SCHOOL

Moder Connect - Sound Indiana - Com Build

Soly of now use a EARLY ATEMOT SCHOOL OF AVIATION Daniel Statemen, N.D.

Secret and section Section 20, Change 15.

TV in the street tree

of a new method of transportation is not without craft. As assemble are used more and more exercimere any problem is last, both patty and make. erman to be assummentable electrations on

confidence on the future than to know recalled the

in the buildoor on all the surfer mades of

Lucels was engaged and susteed of preparing

before it our Lake Michigan".

soft appeal to any index or very bermbosts. I

host, the brider was borned and studented me-

men that gave up any of their lights sysboat a field. He intent or purifical features days after lound to drik into the horder, and as the ramb

The accessoral references to the difficulties of piccern in transportation enterwises that have

seems the Mindresson in 1864. The story have

gon with a dark, at Danment I have board

harder their fees are of the since. The adventuges of expecting Phone and Teston loss sort the

Waster country by a remain bridge are admitted

The section of the strandout, the Easte Afron. denses and the owner were discussed the

defense "And on will seed," they said, "a strong, conduct was to booth the case. Then we aske ner man in this country who can take this core

and non it and that a Abraham Laurahi'. of the best men to state a case forebly and con-

Chirago hook about 1847, when we were after Prophet Policy make for testing as promoting

WAS COPPER AND PASTORY BROOKS IN NEW YORK WAS COMED TO SEE THE PASTOR OF THE PASTOR OF

NICHOLAS BEAZLEY AIRPLANT CO.

MARSHALL MO

FOR SALE Ded Jensies and Caracha Statute to

Makiny Money in Airplane Training

Many larger days your prostaget and Please D.E. Issues at our Prices, are the Access-

ATRICIPACE DESCRIPTION CORPORATION

AIRCRAFT SUPPLIES

Except addition to not stock of with verify and large values of products and united stocks resident and price point and stocks and price point and price and price point and price and price and price point and price a

MONTHMENTAL AURCRAPT, INC.

Course Foold

# WHERE TO DESCRIBE POLICEMENT AND SERVICES

TACHOMETER PACO PRODUCTS

> PAYNE EXPORT AND IMPORT OF Mornette LUXOR GOGGLES E12 Syconto

All Pitch Arrests at and Board, Fire York City attraction in Party Service Locates Party AIRPLANE SPRUCE

New LIBERTY MOTORS POST OF WAR DON AND POST OF THE PERSON NAMED IN COLUMN NAMED PROPERTY. Inc.

Place Vom Deadard Defere

the Industry has Adventising in The Directory

RADICATES ANY STATEMAN SECTION CO. OF

Sablin New York, New Japan and Person leads by GEO. A. WIES, INC. SOUTHERN AIRPLANE SUPPLY COMPANY

THE AIRCRAFT SERVICE DIRECTORY

COMMERCIAL AIRCRANT

ENGINEERS - CONTRACTORS

Brings Von Into Weekly Contact With THE ENTIRE AERONAUTICAL INDUSTRY

Where to Flu (+) CONTINUED ISANO LICENSE AND LICENSE AND

LOADS TO PAY at the LEXIMONS RESIDES of AVERTOR

Search Man course given or galles per bone, as sharp to prince when the covers the net side any when, and that "In the new plant only Searchann for grapher ar-

NEW PERSON MANAGEMENT PLANS SERVICE CONTROL STANDARD STAN

Thomas A. Mandair, Hardway Torophia, Persona, K. J.

CURTUS STATES STRANGS INC., GARGIN CITY, N. T.

CONTEST FLYTON MERVICE INC., GARRON CITY, N. Y. In 1224, the consists for more than TILLIO miles, coursely for more than TILLIO miles, coursely passengers, not usually \$2 statement for \$2-marrow, not usually \$2 statement for \$2-marrow between most presence a statement between \$2-marrow beginning to the statement of the statemen

PERCONSERVATIVES STRATEGY

THE EMBRY-EXCELS COMPANY, WACO OFFERENDER.

PETTIS FIELD
Probing Ay Med Towned, C.A.M. No. 13.
100 Control of Wilson Annual of Fig. Hell obbase: Ber 615, H.Sasson, Pa.

as SCOR PERIOD COURSE, have fring fact, at Palle and Fr., the house in the Rud, in incide at their firmance, the following free course of the following free from each passes, in incide Principal Control of the Principal C

Report instruction is firing and minimum the control of the control of the control of Adviction and Adviction of the control o AV AFILIPPOV SUBSOLI.
The med provide Eding states in Associa, Today naveral supervisor of Control Not Drafts.—First Far Am. By pep-lar like park or credition. ing pic well by preference paying appropriate

MAMER PLYING SERVICE IRL Fad Brasher Springer Parker Wolfender 22 files introduced to personally gives by 10th Masser, form or every six and not former more pint. The years of files expectation. Here very responsible Wolfender Commission Research PRINCIPAL STRAFFIC BY AREA

Canadarius to Oct Scotten Harm a East Antiottors & Phylog 1980 of Subscient. Write for Public Particulars DIDGEN LAKE AVIATION COMPANY DESCRIPTION CONFIDENT SOURCES OF THE SECOND IMPERIAL ARTVAYS, SPI Madies Ave. Place 0794

### THE AEROPLANE Published Weekly

175 PICCADILLY, LONDON, W.I., ENGLAND CHARLES CREY, Editor

Subscription Rates for U.S.A., One Year - \$8.50

# WHERE TO PROCURE EQUIPMENT AND SERVICES

EVERYTHING FOR THE AIRPLANE And for the County of Sale was a series of the A secondary Language and Strategy And Advantagement

CRAWTORD AMPLANE COMPANY Air Seec. 10225D SEAMLESS STEEL TURING

For Sumultary Statement on any Statestics J431 Foulth, by

THE VIMALERY COMPANY, LTD ADT Garfield Avenue. Jersey City, N. J.

and you be return and a bandlet pay of maring and oper to her you with priory such, and Manifesting and a Mariness Physic Ames. These plot are being work in

We Specialize in Simple and Alloy Speels Meet made any carried regularly in our worthware

THE DICKERSON STEEL COMPANY EXPERTADVICE ON YOUR AVIATION INSURANCE PROBLEMS

JAMES E MALLETTE & SON Warn Distributors

Berling Bosser parts \$8.00, and caused for

HASKELITE PLYWOOD Only Plewood made to pass strict Grade "A"

BASKELITE MANUFACTURING CORPORATION Ludinstan Philadelphia Flying Service CUTY OFFICE, ATLANTIC BLDG, PHILABELPHIA, PA.

WHEELS 20 + 10 Prices are Right. SOUTHERN AIRWAYS INC.

SOUTHERN THE EMBRY-RIDDLE COMPANY, Inc. Dimbutes Combin Law of Justine on Flant

Coder sector /5 -a Hill Eros Hills

SEAMLESS STEEL TUBING Made to Aircraft Specification 19725-D THE CLEVELAND TOOL & SUPPLY COMPANY

WILLIAM E. ARTHUR & CO. INC. DANIES - AUSTONIC - PLYING STREET ST.

# WHERE TO PROCURE EQUIPMENT AND SERVICES

REPTYPES BOODESTROS FOR DESIGNATE

RESTREET, WALNUT PROPERTY OR Solome you Shaded Lit Jose at Court with mult ber DSA27 HIGH LIFT WINGS

Works for Physic Specification, Marked of Association ALLISON AIRPLANE CO. LOURISION KANASA Daniel Garrachain School of Assusantes Courses in Acronautical Engineering and Industrial Awation. For particulars apply to the Dans of the College of Terrescore

H. V. Enisowsky, Unterrutty Halabia, New York, N. Y. FLY A TRAVEL-AIR PLIA IRAYEL-AIR \$2,785 L. ENSMINGER, Distributor for Nebrooks.

LISED WACO 9's FOR SALE OF MAIN WAS NOT ARREST THE NEW ENGLAND AIRCRAFT COMPANY

New Hispana propellers teathpick \$30.00 Standard Lawer wines \$40.00 Flying suits unionally \$7,50

WEST VIRGINIA WACO SALES CO. Waco Distributors

THE EMPERSORY ACRES, SERVICE COMPANY THE ENCYCRACTY ACROSS OF AERONAUTICS

Send ONE delier to DONALD L I. SMITH.

4 PLACE SEAGULL Control to the Day 3 of The a price of programs of the beat began a service of the service of the beat beat beautiful to the service of the state of beat to the service of the serv 2 PLACE M. F. Total 10 forms and or peoples consistent of the partners of the New D. H. Casings

750 v 125 It not able they let. If me not will order. Surface near RUSH SALES COMPANY TACH. SHAFTS

As Cope Spec. R.; it long to 003 and 570 Test Sout-AND TRANSPORT COMPRESS CO. GARLE PLACE L. I. N. Y.

F. G. ERICSON

This Section Is Growing

With Every Issue

AVIATION

RABBANK is task in skips. Him Jenn, smooth

Englareck Airplanes, Punts Gorde, Physics

### CLASSIFIED ADVERTISING

SAROAINS to trade in steps. Hints Jersey, company marking dayle report \$100.00; Bankly Black Jersey, and represent a well known. Western neroplane. Ecosphusal op-persunity for the right man. Apply at once, Box 600, FOR SALE: Mextroods 5-place plans, powered with Salk-Sayur Falon motor, 100 H.F. In good physical and me-POR RALE: "Aristor", of solutes & C columns changed combiner, but M.r. It good poyent and ma-Toyours, 70 ft strught edges, 54 out Vennance, dunning channel combine, has been shored under sover and well could for Heavy wests available Popes \$1,000. They \$85. heads, spines, asters weights, eligengesph, souls warrant-FOR SALE: Curse Sparel, Lorenz or York and Leb PCR NALE: Curties Braguli, Lorence or Yorks and Lin-erty motors. Certim Matrapolitics Airplace Co., Pert Wash-regton, Long Edend, S. T. tor. Then and matter is very most anothers, and demonstrate tion. Many and mater is very good securities, will generalists

WANTED: Booker for the coding state of Composition to

in, hearty general throughout. First than seed two guaran-terd. For no year new H.Acat. \$1250. But MSS, Manni.

Will cockings positivity new OX-5 two place plane (Speed 139 MPH) for good out. Place in its PersonNews. POR RALE: Board new CXA Studies. Keeps from wines drivery from factory. First check for \$1550 takes it. Perushetes, very and used for shires of all types, rope ladders for that man, six. Specify weight, Established 1901 Thomson Free, Ballace Co., Agree, Minnie. wise, had group, \$1904. Three place Avec in good condition, extra 178 (Leont), where strate wires at \$650, 178 Cleans). Send 26 cents and obtain your copy of "THE U S ARMY AIR CORPS" Musels. Pappy turner. Witter Henry Junking, concluse, 2000. Three place Hem-Standard, new course. 51 600. Three when high left where bindene 500 H P. Aution, side for ada deal, wonderful bur, \$2000. Two place 55 IF P most state \$500 Laure fundam with recombine Make me suck offer or any of following. New 50 Le Room. Nav Accounting postace, complifie with strets and verses that may be used on Streeturd. Harpone pusher peop. HELL paycolline. K-5 Hab consists. Just Tyree, Ber 3D3, New 2015. with OXX-5, layer 1475, evering fron 5400 OXX-6 (and LIGHT PLANE: Eyes Musceless described in last years marced work. C Glemman, 2940 James St., Sciences, N. Y.

FOR SALE: Her Blasked for place with 160 H P Doporto mates, cond tax hours on democrates, 82200 00. New Horse Sharkerst there relates with 1980 H P. Harmann market \$2000 00. Write for catalage Briftestpoth Averton Com-OFFICETERITY A new fitzuland J1 and codanies for bur rights to field for 1807, for role. Now expring \$500.00 represent by recovery attention. When in absolutely A'll and

> When Buying - Selling - Exchanging Planes, Mators, Accessories

Ten THE ABSTRACT SCHUCE DIRECTORY THE CLASSIFIED SECTION OF

tailed information. Would! Percy, Medican & Edwards TOO USEN: J.N. complete payent major \$100.00. Lanes tract rend province offered and show five 033 mater had 33 hours \$170 car 033 or 0332 fined direkt maker had 13 hours with our OAA or DAAC Mone cirrus, sale remarker \$150. But Descards, 14 Linkes Percel, Blast near instruments. High proof 100, pressure cases 650 polys, Ted from and reals for drivers Pro- \$5.000. Fedicis

peny, Indianapolis. Ind.

Wanted at more, must be A.S. State experience and colory decreed. Moore, M.E. 11th Street, Volta, (Balabana) 1300 Her and had 26 hours, 150 for High prop. mediator,

POSTPAID

# WHO'S WHO

### In American Aeronautics

1915 EDITION

### The Blue Book of American Airmen

Contains One Thousand Biographies of Aviators, aeronauts, aeronautical engineers, aircraft manufactures floing officers of Army Navy and Marine Coms. Air Mail personnel, aircraft accessomes manufacturers, flying field owners, American

aces aeronautical instructors inscentors National Guard air officers, aeronautical writers, appetenen, men reconingst in appropriated affairs

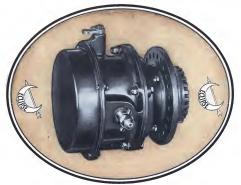
TWO HUNDRED ILLUSTRATIONS

Price \$2,00

AVIATION PUBLISHING CORP. 250 West 57th Street, New York

Exclosed phone find Two Dellars for copy of Who's Who in American Accountsts.

Cer



SERIES 6 HAND INERTIA STARTER Particularly Adapted for Radial Engines up to 1350 Cubic Inches

AVIATION ENGINE STARTERS

--- HAND ---ELECTRIC AND HAND

HAND INERTIA ELECTRIC AND HAND INERTIA

# FOR ALL SIZES OF ENGINES

A complete line of aviation starters for all requirements.

040 Backed by ten years' experience in aviation starter design and production.

### ECLIPSE MACHINE COMPANY

HOBOKEN PLANT

Elmira, New York

HOBOKEN, NEW JERSEY Walkerville, Ontario